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NPIC/P&DS/D/6-734  
20 January 1966

MEMORANDUM FOR THE RECORD

SUBJECT: Trip Report

PLACE: [REDACTED]

DATE: 5 January 1966

ATTENDEES: [REDACTED]

SUBJECT: 13X Tube Magnifier

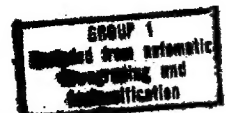
**Declass Review  
by NIMA/DOD**

1. This trip was made to enable the contract monitor to establish contact with representatives of [REDACTED] and to discuss details of the 13X Tube Magnifier. A model of the instrument was not available, but using a drawing of the lens assembly several modifications were discussed to meet with customers' requirements.

2. To avoid unwanted light reflections within the lens assembly [REDACTED] suggested that the upper body of the instrument be made of aluminum. The lower portion and the base could then be made of clear lucite - the mating of two different materials being a desirable engineering feature. This would result in approximately one half inch vertically through which light could penetrate. It is realized that this would preclude its use for viewing prints, but it is unlikely that an instrument of this magnification would be used for such purpose.

3. Any reticles required would have to be etched on to the field flattener since this lens is required to be kept at a constant distance from the image. [REDACTED] saw no problem in producing reticles as required and two suggested designs were left with him for price quotation purposes. The reticles would probably incorporate a stainless steel ring tapped with two holes to allow attachment and removal by means of a small two-pronged tool. This ring will also serve to keep the base of the instrument off the film being viewed. A suitable case would be required to protect the magnifier and reticles.

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25X1A 4. [REDACTED] promised to supply, by late January, revised drawings of the instrument together with price quotations.

PLACE: [REDACTED]

DATE: 5 January 1966

25X1A ATTENDEES: [REDACTED]

SUBJECT: Contract Monitoring

1. Production of the Dynazoom Microstereoscopes is behind schedule, but it is hoped to have the first instrument delivered early in February with a gradual pick-up on delivery schedules thereafter. It was suggested that a small modification be made to the metal pressure plate on the chip stage to enable the objective lens turret to rotate freely when the 1.3X objective is attached. This could be done simply by removing the two chrome screws and replacing with a small tab at the edge of the plate. [REDACTED] said he would see if this modification could be incorporated on the models currently in production.

2. A carrying case for the Dynazoom was available for examination and [REDACTED] said he would send this to Washington via [REDACTED] rep. for evaluation.

3. A Polaroid camera attachment for the Dynazoom was also seen, but not demonstrated due to lack of film. A demonstrator model will be made available in February for evaluation at NPIC.

4. Production of all parts for the Dovetail slides will be completed by mid-January, but [REDACTED] pointed out that if [REDACTED] were required to carry out modification on the Zoom 70's in Washington there would be a problem over shortage of cleared personnel. The [REDACTED] personnel previously cleared for this work are not now available and the security procedure on additional personnel could delay the start date by another 3 months. He promised to discuss this problem with [REDACTED]

5. [REDACTED] was informed that we are interested in the proposed Model III of the Zoom Tube Magnifier and he said that a new proposal would be available for our consideration in about two weeks.

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☐ SECRET

☒ CONFIDENTIAL 99731-4 ☐ UNCLASSIFIED

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CONTRACT INSPECTION REPORT

25X1A

TO:  
CONTRACT ADMINISTRATION & SETTLEMENT  
BRANCH/PD/OL

DATE 11 January 1966  
INSPECTION REPORT NO. (If final, so state)  
11  
ESTIMATED COMPLETION DATE  
Not known

NAME OF CONTRACTOR

25X1A

TYPE OF COMMODITY OR SERVICE

Zoom Tube Magnifier Prototype

THE CONTRACTOR IS ON SCHEDULE

☐ YES

☒ NO

THE CONTRACTOR WILL PROBABLY REMAIN WITHIN ALLOCATED FUNDS ☐ YES ☒ NO IF ANSWER IS "NO" ADVISE RECOMMENDATION AND/OR ACTION OF SPONSORING OFFICE, ON REVERSE HEREOF. IF KNOWN, INDICATE MAGNITUDE OF ADDITIONAL FUNDS INVOLVED.

PER CENT OF WORK COMPLETED -

N/A contract

PER CENT OF FUNDS EXPENDED -

being revised.

HAS AN INTERIM REPORT, FINAL REPORT, PROTOTYPE, OR OTHER END ITEM BEEN RECEIVED FROM THE CONTRACTOR DURING THE PERIOD? ☒ YES ☐ NO (If yes, give details on reverse side.)

HAS GOVERNMENT-OWNED PROPERTY BEEN DELIVERED TO CONTRACTOR DURING THIS PERIOD? ☐ YES ☒ NO (If yes, indicate items, quantity, and cost on reverse side.)

#### INCENTIVES

IS THIS AN INCENTIVE CONTRACT  
IF YES, CHECK TYPE

☐ YES

☒ NO

NOTE:  
USE REVERSE SIDE FOR COMMENTS.  
FINAL REPORT MUST CONTAIN INCENTIVE EVALUATION.

☐ COST

☐ PERFORMANCE

☐ DELIVERY

#### OVERALL PERFORMANCE OF CONTRACTOR

1. ☐ OUTSTANDING

3. ☐ ABOVE AVERAGE

5. ☒ BELOW AVERAGE 7. ☐ UNSATISFACTORY

2. ☐ EXCELLENT

4. ☐ AVERAGE

6. ☐ BARELY ADEQUATE

IF OVERALL PERFORMANCE OF CONTRACTOR IS UNSATISFACTORY OR BARELY ADEQUATE, INDICATE REASONS ON REVERSE SIDE.

#### RECOMMENDED ACTION

☒ CONTINUE AS PROGRAMMED

☐ WITHHOLD PAYMENT PENDING  
SATISFACTORY PERFORMANCE

☐ TERMINATE

☐ OTHER (Specify)

IF TERMINATION IS RECOMMENDED OR IF THIS IS A FINAL REPORT PUT COMMENTS ON REVERSE IN NARRATIVE FORM ON CONTRACTOR'S PERFORMANCE AND CERTIFY THAT ALL DELIVERABLE ITEMS UNDER THE CONTRACT HAVE BEEN RECEIVED. THESE INCLUDE, WHERE APPLICABLE, THE FOLLOWING:

ITEM	REC'D	DOES NOT APPLY	ITEM	REC'D	DOES NOT APPLY
PROTOTYPES			MANUALS		
DRAWINGS AND SPECIFICATIONS			FINAL REPORT		
PRODUCTION AND/OR OTHER END ITEMS			SPECIAL TOOLING		
			OTHER GOVERNMENT PROPERTY		

DATE OF LAST CONTACT WITH CONTRACTOR

5 January 1966

SIGNATURE OF INSPECTOR

25X1A

DIVISION

P & DS

INSPECTOR'S EXTENSION

25X1A

SI

25X1A

FORM 10-65 1897 USE PREVIOUS EDITION

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☒ CONFIDENTIAL

☐ SECRET

(12-36)

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A comparison of the predicted values taken from the data of three different optical designs was received from the contractor in December 1965. The first design had resulted in a prototype instrument which was not accepted and was returned to the contractor in July 1965. The second design showed little improvement in characteristics at the expense of increased instrument size. The third design, although increasing the instrument size still further, shows promise of achieving and improving on the original target specifications.

Following a discussion at the contractor's plant on 5 January 1966 [REDACTED] stated that drawings of the third optical design would probably be available before the end of January.

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